

## INTERNATIONAL SEARCH REPORT

Inte al Application No  
PCT/IB2004/052284

A. CLASSIFICATION OF SUBJECT MATTER  
IPC 7 H01L29/78 H01L29/739 H01L29/41

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)  
IPC 7 H01L

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, INSPEC

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category <sup>a</sup>	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	DE 100 07 415 A1 (INFINEON TECHNOLOGIES AG) 6 September 2001 (2001-09-06) page 3, line 39 – page 4, line 23; figure 1	1,3-9
Y	PATENT ABSTRACTS OF JAPAN vol. 009, no. 159 (E-326), 4 July 1985 (1985-07-04) & JP 60 038877 A (HITACHI LTD), 28 February 1985 (1985-02-28). abstract; figure 4	2
A	W0 97/35346 A (SIEMENS AKTIENGESELLSCHAFT ET AL) 25 September 1997 (1997-09-25) page 3, line 34 – page 5, line 15; figures 1,2	1,3,5,6
X		1,3,5-8
		-/-

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

<sup>a</sup> Special categories of cited documents :

- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier document but published on or after the International filing date
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- "P" document published prior to the international filing date but later than the priority date claimed

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"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

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Date of the actual completion of the international search

Date of mailing of the International search report:

14 June 2005

28/06/2005

Name and mailing address of the ISA

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nal Application No  
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## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	JP 2003 298052 A (TOSHIBA CORP) 17 October 2003 (2003-10-17) figure 15	1,3-9
P,X	-& US 2003/227052 A1 (ONO S) 11 December 2003 (2003-12-11) page 4, paragraph 62 – page 5, paragraph 74; figures 16-23 -----	1,5,6
X	PATENT ABSTRACTS OF JAPAN vol. 018, no. 174 (E-1530), 24 March 1994 (1994-03-24) & JP 05 343691 A (NIPPONDENSO CO LTD), 24 December 1993 (1993-12-24) figure 5 -----	1-4,6-9

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